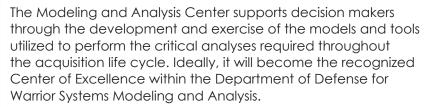


Natick Soldier Center's **Modeling and Analysis**



Through the application of Simulation and Modeling for Acquisition, Requirements, and Training (SMART) and Simulation-Based Acquisition (SBA), we provide benefit to the customer by:

- Reducing Program Risk,
- Reducing Program Costs,
- Reducing Program Schedule, and
- Enabling Improved System Performance.



Customers of the Center can receive:

- Assessment of Combat Worth
- System Integration Analyses
- Program Investment Decision Support
- Milestone Decision Support
- Basis of Issue Evaluation

Customer Breakout:

- Scientists & Engineers
- Program Managers
- RDECOM Centers
- Infantry Center
- DUSA (Operational Research)
- International Cooperative Partners

- System/Technology Down Selection Support
- Performance/Cost Trade Analyses
- Analysis of Alternatives (AOA) Inputs
- Front End Analyses
- Risk Reduction Analyses

Team Resources:

- Operational Research Analysts
- Programmers
- Project Managers
- Statisticians
- Subject Matter Experts:
 - Warfighter Modeling
 - Chemical/Biological Defense

Models & Tools Utilized:

- Infantry Warrior Simulation (IWARS)
- Integrated Casualty Estimation Methodology (ICEM)
 Data Access & Retrieval Tool (DART)
- Joint Conflict And Tactical Simulation (JCATS)
- Dynamic Nutrition Model (DYNUMO)
- Janus
- One Semi-Automated Force (OneSAF)

- Close Action Environment (CAEn)
- Statistix
- Number Cruncher Statistical Software (NCSS)
- Analytical Business Modeling Software
- MATLAB

Point of Contact:

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